

Technical Soil Descriptions

Technical soil descriptions describe the characteristics or properties (physical and chemical) of the soil including the parent material in which it formed. A pedon, a small three-dimensional area of the soil, serves as the reference point for the technical or soil series description. The soil description compares the soil to similar and other nearby soils and also includes a range of important characteristics. The detailed description method follows standards outlined in the Soil Survey Manual and many of the technical terms used in the description are defined in Soil Taxonomy.

Counties with Published Soil Surveys

Technical soil descriptions are located in the county soil survey descriptive legend.

Counties without Published Soil Surveys

Technical soil descriptions can be found in adjacent county published soil survey descriptive legends or at our [Official Soil Series Description](#) web site.

This section includes:

- (a) **Classification of the soils**

Grundy County, Missouri
 Classification of the Soils

| Soil name | Family or higher taxonomic class |
|-----------------|--|
| | Arents |
| ARMSTRONG----- | Fine, montmorillonitic, mesic Aquertic Hapludalfs |
| COLO----- | Fine-silty, mixed, mesic Cumulic Endoaquolls |
| EDINA----- | Fine, montmorillonitic, mesic Vertic Argialbolls |
| FATIMA----- | Fine-silty, mixed, mesic Fluvaquentic Hapludolls |
| GARA----- | Fine-loamy, mixed, mesic Mollic Hapludalfs |
| GRUNDY----- | Fine, montmorillonitic, mesic Aquertic Argiudolls |
| GRUNDY----- | Fine, montmorillonitic, mesic Aquertic Argiudolls |
| HAIG----- | Fine, montmorillonitic, mesic Vertic Argiaquolls |
| HUMESTON----- | Fine, montmorillonitic, mesic Argiaquic Argialbolls |
| KILWINNING----- | Fine, montmorillonitic, mesic Vertic Epiaqualfs |
| LAMONI----- | Fine, montmorillonitic, mesic Aquertic Argiudolls |
| LAMONI----- | Fine, montmorillonitic, mesic Aquertic Argiudolls |
| LANDES----- | Coarse-loamy, mixed, mesic Fluventic Hapludolls |
| NODAWAY----- | Fine-silty, mixed, nonacid, mesic Mollic Udifluvents |
| PERSHING----- | Fine, montmorillonitic, mesic Vertic Epiaqualfs |
| SHELBY----- | Fine-loamy, mixed, mesic Typic Argiudolls |
| SHELBY----- | Fine-loamy, mixed, mesic Typic Argiudolls |
| VANMETER----- | Fine, illitic, mesic Oxyaquic Eutrochrepts |
| VESSER----- | Fine-silty, mixed, mesic Argiaquic Argialbolls |
| VIGAR----- | Fine-loamy, mixed, mesic Aquic Argiudolls |
| WABASH----- | Fine, montmorillonitic, mesic Cumulic Vertic Endoaquolls |
| ZOOK----- | Fine, montmorillonitic, mesic Cumulic Vertic Endoaquolls |